



DEQ AIR QUALITY PROGRAM
1410 N. Hilton
Boise, ID 83706
For assistance: 208-373-0502

PERMIT TO CONSTRUCT APPLICATION

JAN 30 2007

Applicants, please see instructions on page 2 before filling out the form.

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY PROGRAM

DEQ Staff, please see instructions for handling this form on page 3.

COMPANY NAME, FACILITY NAME, AND FACILITY ID NUMBER			
1. Company Name	Triple C Concrete		
2. Facility Name	Jerome Plant	3. Facility ID No.	
4. Brief Project Description - One sentence or less	Install Portable Concrete Batch Plant		
PERMIT APPLICATION TYPE			
5. <input checked="" type="checkbox"/> New Facility <input type="checkbox"/> New Source at Existing Facility <input type="checkbox"/> Unpermitted Existing Source <input type="checkbox"/> Modify Existing Source: Permit No.: _____ Date Issued: _____ <input type="checkbox"/> Required by Enforcement Action: Case No.: _____			
6. <input checked="" type="checkbox"/> Minor PTC <input type="checkbox"/> Major PTC			
FORMS INCLUDED			
Included	N/A	Forms	DEQ Verify
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form GI - Facility Information	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU0 - Emissions Units General	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU1 - Industrial Engine Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU2 - Nonmetallic Mineral Processing Plants Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU3 - Spray Paint Booth Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU4 - Cooling Tower Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU5 - Boiler Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form HMAP - Hot Mix Asphalt Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form CBP - Concrete Batch Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form BCE - Baghouses Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form SCE - Scrubbers Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Forms EI-CP1-EI-CP4 - Emissions Inventory- criteria pollutants (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PP - Plot Plan	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Forms MI1-MI4 - Modeling (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form FRA - Federal Regulation Applicability	<input type="checkbox"/>

DEQ USE ONLY
Date Received
Project Number
Payment / Fees Included? Yes <input type="checkbox"/> No <input type="checkbox"/>
Check Number

JEFF COATS
Operations
Home (208) 733-6997
Mobile (208) 420-9995

TRIPLE C CONCRETE
P.O. BOX 923, TWIN FALLS, ID 83303
FRONT DISCHARGED AND COMPUTER BATCHED
SERVING THE ENTIRE MAGIC VALLEY

JEROME
(208) 324-4651

RUPERT
(208) 436-9373

TWIN FALLS
(208) 733-7141

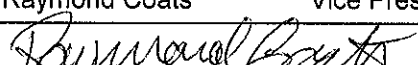


DEQ AIR QUALITY PROGRAM
1410 N. Hilton
Boise, ID 83706
For assistance: (208) 373-0502

PERMIT TO CONSTRUCT APPLICATION

Please see instructions on page 2 before filling out the form.

All information is required. If information is missing, the application will not be processed.

IDENTIFICATION		
1. Company Name	Triple C Concrete	
2. Facility Name (If different than #1)	Jerome Plant	
3. Facility I.D. No.		
4. Brief Project Description:	Install Portable Concrete Batch Plant	
FACILITY INFORMATION		
5. Owned/operated by: (√ If applicable)	<input type="checkbox"/> Federal government <input type="checkbox"/> County government <input type="checkbox"/> State government <input type="checkbox"/> City government	
6. Primary Facility Permit Contact Person/Title	Jeff Coats Field Operations	
7. Telephone Number and Email Address	208-733-7141	
8. Alternate Facility Contact Person/Title	Raymond Coats Vice President	
9. Telephone Number and Email Address	208-733-7141	
10. Address to which permit should be sent	PO Box 923	
11. City/State/Zip	Twin Falls Idaho 83303	
12. Equipment Location Address (If different than #9)	45 South 100 West	
13. City/State/Zip	Jerome Idaho 83338	
14. Is the Equipment Portable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
15. SIC Code and NAISC Code	SIC: 3273 Secondary SIC (if any): NAICS: 327320	
16. Brief Business Description and Principal Product	Redi-Mix Concrete	
17. Identify any adjacent or contiguous facility that this company owns and/or operates		
PERMIT APPLICATION TYPE		
18. Specify Reason for Application	<input checked="" type="checkbox"/> New Facility <input type="checkbox"/> New Source at Existing Facility <input type="checkbox"/> Modify Existing Source: Permit No.: _____ Date Issued: _____ <input type="checkbox"/> Unpermitted Existing Source: <input type="checkbox"/> Required by Enforcement Action: Case No.: _____	
CERTIFICATION		
IN ACCORDANCE WITH IDAPA 58.01.01.123 (RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO), I CERTIFY BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION IN THE DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE.		
19. Responsible Official's Name/Title	Raymond Coats Vice President	
20. RESPONSIBLE OFFICIAL SIGNATURE	 Date: 1/22/07	



DEQ AIR QUALITY PROGRAM
1410 N. Hilton
Boise, ID 83706
For assistance: (208) 373-0502

PERMIT TO CONSTRUCT APPLICATION

Please see instructions on page 4 before filling out the form.

GENERAL INFORMATION

Company Name:	Triple C Concrete		
Facility Name:	Jerome Plant	Facility ID No:	
Brief Project Description:	Install Portable Concrete Batch Plant		
Mailing Address:	PO Box 923		
City:	Twin Falls	State:	Idaho
Zip Code:	83303	County:	Twin Falls
General Nature of Business & Products:	Redi- Mix Concrete		

Contact Name, Title:	Jeff Coats Field Operatios		
Phone:	208-733-7141	Cell:	208-208-0995
Email:			

Owner or Responsible Official Name, Title:	Raymond Coats Vice President		
Phone:	208-733-7141		
Email:			

Proposed Initial Plant Location:	45 South 100 West Jerome Idaho		
Nearest City:	Jerome	Estimated Startup Date:	04/01/07
County:	Jerome		

Reason for Application:	<input checked="" type="checkbox"/> Permit to construct a new source <input type="checkbox"/> Permit to operate an existing unpermitted source <input type="checkbox"/> Permit to modify/revise an existing permitted source (identify the permit below) Permit No.: Issue Date: Facility ID:
<input type="checkbox"/> Check here to indicate you would like to review a draft permit prior to final issuance.	
Comments:	

CONCRETE BATCH PLANT INFORMATION**1. Concrete Batch Plant**

Manufacturer:	Erie Strayer	Model:	MG-11T
Manufacture Date:	2006		
Maximum Hourly Throughput:	220 (cy/hour)		
Maximum Daily Throughput:	1760 (cy/day)		
Maximum Annual Throughput:	4576600 (cy/year)		
Requested Annual Throughput:	250000 (cy/year)		

2. Cement Storage Silo Baghouse(s)

Manufacturer:	C&W Manufacturing	Model:	LPR-8-5
Stack Height from Ground:	79 (ft)	Exit Air Flow Rate:	2340 (acfm)
Stack Inside Diameter:	3.5 (ft)	* PM ₁₀ Control Efficiency:	99.99 (%)
* Manufacturer Grain Loading Guarantee:		.00000166 gr/ACFM	
* Attach manufacturer's PM ₁₀ control efficiency if available.			

3. Weigh Batchers Baghouse(s)

Manufacturer:	C&W Manufacturing	Model:	CP-35
Stack Height from Ground:	28 (ft)	Exit Air Flow Rate:	140 (acfm)
Stack Inside Diameter:	1*2 (ft)	* PM ₁₀ Control Efficiency:	99.99 (%)
* Manufacturer Grain Loading Guarantee:		.00000100 gr/ACFM	
* Attach manufacturer's PM ₁₀ control efficiency if available.			

ELECTRICAL GENERATOR SET INFORMATION (IF APPLICABLE)

Manufacturer:		Model:	
Maximum Rated Capacity:	<input type="checkbox"/> Hp <input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	<input type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	(hours/day)		
Maximum Annual Hrs. of Operations:	(hours/year)		
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Exhaust Flow Rate (acfm): _____ Stack Inside Diameter (ft): _____ Stack Exhaust Gas Temperature (°F): _____		

ADDITIONAL GENERATOR (if applicable)

Manufacturer:		Model:	
Maximum Rated Capacity:	<input type="checkbox"/> Hp <input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	<input type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	(hours/day)		
Maximum Annual Hrs. of Operations:	(hours/year)		
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Exhaust Flow Rate (acfm): _____ Stack Inside Diameter (ft): _____ Stack Exhaust Gas Temperature (°F): _____		

☒ \$1,000 PTC application fee enclosed

Certification of Truth, Accuracy, and Completeness (by Responsible Official)

I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123-124.


~~Responsible Official Signature~~

Vice President

Responsible Official Title

1/22/07
Date

Raymond Coats

Print or Type Responsible Official Name

midwesco Filter Resources, Inc.

P.O. Box 2076 • Winchester, VA 22604 • (400) Battaille Dr. 22801 • (540) 667-8500 • Fax (540) 667-9074 • Telex 904080

PERFORMANCE SPECIFICATIONS

SB MEDIA

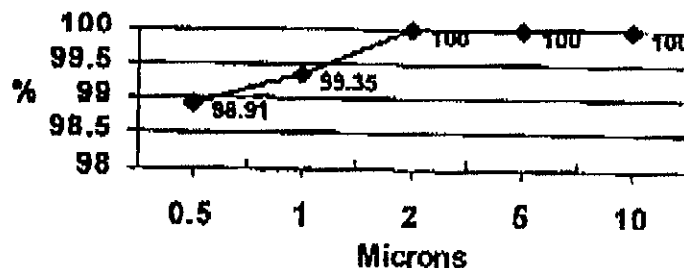
ASHRAE 52.1 - 1992

Test Flow Rate	500 CFM
Initial Resistance	.69" WG
Initial Atmospheric Dust Spot Efficiency	41.3%
Average Atmospheric Dust Spot Efficiency	94.0%
Average AC Fine Dust Weight Arrestance	100%

Initial Dust Spot	41.3%
Dust Spot @ 1" WG	60.0%
Dust Spot @ 2" WG	99.1%
Dust Spot @ 3" WG	99.99%

Particle Efficiency by Particle Size Test Dust - AC Fine

SB Efficiency Chart



Silo emission factor, PM - .0002 lb./yd

Inlet emissions, PM = 960 yd/day * .0002 lb./yd = .1920 lb./day * 7000 gr/lb. = (1344 gr/day) / (40500 cfm/day) = .0332 gr/ACFM

Outlet emissions, PM - .0332 gr/ACFM * .0001 (99.99% efficiency) = .00000332 gr/ACFM

Silo emission factor, PM-10 - .0001 lb./yd

Inlet emissions, PM-10 = 960 yd/day * .0001 lb./yd = .0960 lb./day * 7000 gr/lb. = (672 gr/day) / (40500 cfm/day) = .0166 gr/ACFM

* Outlet emissions, PM-10 = .0166 gr/ACFM * .0001 (99.99% efficiency) = .00000166 gr/ACFM



Department of Environmental Quality
1410 N. Hilton
Boise, ID 83706
For assistance, call the Air Permit Hotline: 1-877-5PERMIT

DEQ - AIR QUALITY PROGRAM
PORTABLE EQUIPMENT RELOCATION FORM

Company Name:	Triple C Concrete		
Phone Number:	208-733-7141		
Mailing Address:	PO Box 923 Twin Falls ID 83303		
Contact:	Jeff Coats or Ray Coats		
Signature:	Jeff Coats	Date:	1/22/07

Plant Type (HMA, Rock Crusher, Mfr., Model No.)		Concrete Batch Plant Erie Strayer MG-11T	
Type of Permit	Permit to Construct or Operating Permit	Yes No	If Yes, Facility ID:
	Permit by Rule	Yes No	If Yes, Facility ID:
Fuel Type for Generator: N/A			
Have any major components of the plant or its air pollution equipment been replaced or modified since the plant last operated? Yes <u>No</u> If Yes, attach explanation on additional paper.			

Current Location, include county and nearest city:	N/A New Plant
New Location, include county and nearest city:	43 South 100 West Jerome ID Jerome County
Estimated Startup Date: (month/day/year)	4/01/07
Estimated End Date: (month/day/year)	

Will Plant be co-located with another rock crusher, concrete batch, or hot-mix asphalt plant at new location?				Yes <u>No</u>
If Yes	Name of Other Company:			
	Type of Plant: <input type="checkbox"/> Rock Crusher <input type="checkbox"/> Concrete Batch <input type="checkbox"/> Hot-Mix Asphalt			
	Type of Permit	Permit to Construct or Operating Permit	Yes No	If Yes, Facility ID:
		Permit by Rule	Yes No	If Yes, Facility ID:

Will plant be operated in conjunction with a state of Idaho contract?		Yes <u>No</u>
If Yes	Contract No.:	
	State of Idaho Contact Person:	
	Phone Number:	

THIS FORM MUST BE SUBMITTED TEN (10) DAYS BEFORE PLANT IS RELOCATED.

A scaled plot plan identifying the property boundary of the new site must be included with this form (see Permit Application Form PP-Plot Plan for guidance).

Mail to: Air Quality Program Office - Application Processing
Department of Environmental Quality
1410 North Hilton
Boise, ID 83706-1255
Or, Fax to: 208-373-0340
Attn: Air Quality Program Office - Application Processing



Idaho Department of Environmental Quality

State Fiscal Office
1410 North Hilton
Boise, ID 83706-1255

Cash Receipt

Date	Receipt No.
01/29/2007	6924

Received From
TRIPLE C CONCRETE PTC APPLICATION FEE NEW JEROME PLANT INSTALL PORTABLE CONCRETE BATCH PLANT

Check No.	Payment Method
4421	Check

Item	Description	Amount
PTC	PERMIT TO CONSTRUCT FEES	1,000.00
Total		\$1,000.00

Jerome Plant

Estimated Startup DATE
4/01/07

New Plant

DEQ
JAN 26 2007
Financial Management